

Appl. No. 10/705,991
Amdt. dated January 2, 2007
Reply to Office Action of November 16, 2006

BEST AVAILABLE COPY**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A method of detecting breast cancer in a patient by determining the a level of es-LAPase an estrogen-stimulated isoenzyme of leucine aminopeptidase in a sample, the level being determined by an immunoassay using a monoclonal antibody specific for the estrogen-stimulated isoenzyme.

Claim 2-3 (canceled)

Claim 4 (currently amended): The method according to claim 2 1 wherein the monoclonal antibody is produced by hybridoma cell line 7B6, deposited with the International Depositary Authority of Canada under Accession number IDAC 230300-1.

Claims 5-8 (canceled)

Claim 9 (new): The method according to claim 1, wherein the estrogen-stimulated isoenzyme of leucine aminopeptidase has a molecular weight of 315 kDa.

Claim 10 (new): The method of claim 1, wherein the sample is blood, serum, plasma or tissue.

Claim 11 (new): The method according to claim 4, wherein the estrogen-stimulated isoenzyme of leucine aminopeptidase has a molecular weight of 315 kDa.

Claim 12 (new): The method of claim 4, wherein the sample is blood, serum, plasma or tissue.